European Journal of Anaesthesiology 1988, 5, 413–415

Author Index

Agoston S, Vandenbrom RHG, Wierda JMKH, Houwertjes MC and Kersten UW. Pharmacokinetics and disposition of pipecuronium bromide in the cat, 233
Aitkenhead AR. Anaesthesia and the gastro-intestinal system, 73
Alila A *see* Orko R
Allsop P, Taylor MB, Grounds RM and Morgan M. Ventilatory effects of a propofol infusion using a method to rapidly achieve steady-state equilibrium, 293
d'Athis F *see* Thomas H

Beal JL, Freysz M, Timour Q, Bertrix L, Lang J and Faucon G. Haemodynamic effects of high plasma concentrations of bupivacaine in the dog, 251
Berger J, Gravenstein J, Van Der Aa J, Paulus L, Sabah-Maren E and McLaughlin G. Comparative potency of atropine sulphate and glycopyrrolate on heart rate in man, 23
Bertrix L *see* Beal JL
Bone ME, Wilkins CJ and Lew JK. A comparison of propofol and methohexitone as anaesthetic agents for electroconvulsive therapy, 279
Bousquet *see* Thomas H
Bovill JG *see* Odoom JA
Brady MM, Mirakhur RK and Clarke RSJ. Administration of vecuronium, atracurium and pancuronium in divided doses: *effect on onset and duration of action*, 243
Bull PT *see* Reddy BK

Camu F, Maes V, Van de Velde A and Sevens C. Lorazepam fast-dissolving drug formulation (FDDF) and intravenous administration as anaesthetic premedicants: *a pharmacokinetic analysis*, 261
Camu F *see* Verborgh C
Clarke RSJ *see* Brady MM
Conti M, Izzo V, Muggiasca ML and Tiengo M. Sleep apnoea syndrome in pregnancy: *a case report*, 151
van Craenndonck H *see* Meert TF

De Andrés J and Vila M. Accidental disconnection of a breathing system anti-disconnection device: *a case report*, 211
Delleur MM *see* Murat I
Dokter PWC *see* Odoom JA

Edwards AE *see* Smith CJ
Eledjam JJ *see* Thomas H
Erkola O *see* Hovorka J
Esteve C *see* Murat I

Faucon G *see* Beal JL
Ferguson BJM *see* Smith CJ
Freysz M *see* Beal JL

Gemmell LW *see* Smith CJ
Gergis SD *see* Mehta MP
Gough JD *see* Smith CJ
Gower DE *see* Smith CJ
Gravenstein J *see* Berger J
Grounds RM *see* Allsop P

van Haastert FA *see* Hennis PJ
Hamilton-Farrell MR and Nightingale JJ. Cardiac dysrhythmias, carbon dioxide tensions and blood halothane concentrations during dental anaesthesia, 323
Hedenstierna G. Causes of gas exchange impairment during general anaesthesia, 221
Hennis PJ, van Haastert FA, Mulder AJ and Spierdijk J. Antagonism of midazolam sedation by flumazenil: *a placebo-controlled study in patients recovering from intravenous anaesthesia with high doses of midazolam*, 369
Houwertjes MC *see* Agoston S
Hovorka J, Korttila K and Erkola O. Nausea and vomiting after general anaesthesia with isoflurane, enflurane or fentanyl in combination with nitrous oxide and oxygen, 177

Izzo V *see* Conti M

Janssen PAJ *see* Meert TF

Kataja J, Viinamaki O, Punnonen R and Kaukinen S. Renin–angiotensin–aldosterone system and plasma vasopressin in surgical patients anaesthetized with halothane or isoflurane, 121
Kaukinen S *see* Kataja J
Kersten UW *see* Agoston S
Klemola U-M, Saarnivaara L and Yrjölä H. Post-operative sore throat: *effect of lignocaine jelly and spray with endotracheal intubation*, 391
Korttila K *see* Hovorka J

Lang J *see* Beal JL
Laurence AS. Serum myoglobin release following suxamethonium administration to children, 31
Laurence AS and Norris SH. Serum myoglobin following tourniquet release under anaesthesia, 143
Lew JK *see* Bone ME
Linko K *see* Tammisto T
Lu HR *see* Meert TF

Macheboeuf M *see* Thomas H
McLaughlin G *see* Berger J
Maes V *see* Camu F
Mares P *see* Thomas H
Meert TF, Lu HR, van Craenndonck H and Janssen PAJ. Comparison between epidural fentanyl, sufentanil, carfentanil, lofentanil and alfentanil in the rat: *analgesia and other* in vivo *effects*, 313
Mehta MP, Sokoll MD and Gergis SD. Accelerated onset of non-depolarizing neuromuscular blocking drugs: *pancuronium, atracurium and vecuronium. A comparison with succinylcholine*, 15
Mirakhur RK *see* Brady MM
Molassi M *see* Romano E
Montay G *see* Murat I
Morgan M *see* Allsop P
Mortier E, Moulaert P, de Somer A and Rolly G. Comparison of evoked electromyography and mechanical activity during vecuronium-induced neuromuscular blockade, 131
Moulaert P *see* Mortier E
Muggiasca ML *see* Conti M
Mulder AJ *see* Hennis PJ
Murat I, Montay G, Delleur MM, Esteve C and Saint-Maurice C. Bupivacaine pharmacokinetics during epidural anaesthesia in children, 113

Nightingale JJ *see* Hamilton-Farrell MR
Noorduin H *see* Verborgh C
Norris SH *see* Laurence AS

Odoom JA, Dokter PWC, Sturk A, Ten Cate JW, Sih IL and Bovill JG. The influence of epidural analgesia on platelet function and correlation with plasma bupivacaine concentrations, 305
Orko R, Alila A and Rosenberg PH. Effect of biliary obstruction on muscle relaxation with vecuronium, 9

Paloheimo M *see* Tammisto T
Paulus L *see* Berger J
Pizer B *see* Reddy BK
Punnonen R *see* Kataja J

Ranwala R *see* Rodrigo N
Reddy BK, Pizer B and Bull PT. Neonatal serum cortisol suppression by etomidate compared with thiopentone, for elective caesarean section, 171
Rees J *see* Sanders LD
Robinson JO *see* Sanders LD
Rodrigo N and Ranwala R. Delayed recovery followed atracurium: *a case report*, 211
Rolly G *see* Mortier E
Romano E, Molassi M and Serra L. The induction phase of neuromuscular block after suxamethonium and pancuronium: *analysis of the time constant of single-twitch decay* (τ_{T_1}), 161
Rosen M *see* Sanders LD
Rosenberg PH *see* Orko R

Saarnivaara L *see* Klemola U-M
Sabah-Maren E *see* Berger J
Saint-Maurice C *see* Murat I
Sanders LD, Yeomans WA, Rees J, Rosen M and Robinson JO. A double-blind comparison between nitrazepam, lorazepam, lormetazepam and placebo as pre-operative night sedatives, 377
Sealey MM. Anaesthesia for combined pancreatic and renal transplantation and potassium homeostasis, 193
Serra L *see* Romano E
Sevens C *see* Camu F
Sih IL *see* Odoom JA
Smith CJ, Edwards AE, Gemmell LW, Ferguson BJM, Gower DE and Gough JD. Lectin-stimulated lymphocyte responses: *use and misuse in clinical research*, 269

Sokoll MD *see* Mehta MP
Spierdijk J *see* Hennis PJ
Sturk A *see* Odoom JA

Tammisto T, Paloheimo M, Linko K and Wirtavouri K. Suxamethonium-induced facilitation of spontaneous frontal EMG activity, 361
Tammisto T, Wirtavouri K and Linko K. Assessment of neuromuscular block: *comparison of three clinical methods and evoked electromyography*, 1
Taylor MB *see* Allsop P
Ten Cate JW *see* Odoom JA
Thomas H, Eledjam JJ, Macheboeuf M, d'Athis F, Mares P and Bousquet L. Rapid pre-operative immunotherapy in a patient allergic to muscle relaxants, 385
Tiengo M *see* Conti M
Timour Q *see* Beal JL

Vandenbrom RHG *see* Agoston S
Van Der Aa J *see* Berger J
Van de Velde A *see* Camu F
Van der Auwera D *see* Verborgh C
Verborgh C, Van der Auwera D, Noorduin H and Camu F. Epidural sufentanil for post-operative pain relief: *effects of adrenaline*, 183
Viinamaki O *see* Kataja J
Vila M *see* De Andrés J

Wierda JMKH *see* Agoston S
Wilkins CJ *see* Bone ME
Wirtavuori K *see* Tammisto T

Yeomans WA *see* Sanders LD
Yrjölä H *see* Klemola U-M.

European Journal of Anaesthesiology 1988, **5**, 416–423

Subject Index

Abdominal surgery (upper), respiratory control after (Cantineau, Dureuil, *et al.*), 340 (Abs)
Adrenaline absorption from local anaesthesia in dentistry (Lipp, Dick, *et al.*), 336 (Abs)
Adrenaline and duration of hyperbaric spinal bupivacaine (Viel, De la Coussaye, *et al.*), 333 (Abs)
, comparison with dopamine in CPR (Linder, Ahnefeld, *et al.*), 331 (Abs)
, effect on action of epidural sufentanil (Verborgh, Van der Auwera, *et al.*), 183
Adrenergic receptors in rat myocardium, effect of bupivacaine on (Rives, Rouge, *et al.*), 350 (Abs)
Ageing, influence on drug disposition (Sear), 50 (Abs)
, advantages of atracurium (Payne), 51 (Abs)
, and anaesthetic risk (Haljamae), 49 (Abs)
Alfentanil, comparison with fentanyl, sufentanil etc., epidurally in the rat (Meert, Lu, *et al.*), 313
, peri-operative endocrine changes (Carrasco, Ayensa, *et al.*), 57 (Abs)
, propofol and vecuronium for microlaryngoscopic surgery (Redl, Schlogelhofer, *et al.*), 44 (Abs)
Allergy to neuromuscular blocking drugs, rapid immunotherapy in (Thomas, Eledjam, *et al.*), 385
Anaesthesia and gastrointestinal system (Review) (Aitkenhead), 73
Anaesthesia, newer intravenous agents (Sear), 41 (Abs)
Anaesthesia records in aged patients, an analysis (Morpurgo), 54 (Abs)
Anaesthetic risk, influence of ageing (Haljamae), 49 (Abs)
Anaesthetics, volatile, extracardiac actions of, with volume expansion (Mayer, Zimpfer, *et al.*), 353 (Abs)
Animal research in cardiopulmonary resuscitation, 287
Anti-disconnection device, failure of (Andres & Vila), 211
Aortic clamping, hypoxanthine release after (Herregods, Mortier, *et al.*), 338 (Abs)
Atracurium, accelerated onset with, comparison with succinylcholine (Mehta, Sokoll, *et al.*), 15
, delayed recovery from (Rodrigo & Ranwala), 207
, dose–response studies in the elderly (Bell, Mirakhur, *et al.*), 53 (Abs)
, in elderly patients (Payne), 51 (S)
, priming doses (Sosis), 401 (C)
, vecuronium and pancuronium in divided doses (Brady, Mirakhur, *et al.*), 243
Atropine, comparative potency with glycopyrrolate on heart rate (Berger, Gravenstein, *et al.*), 23

Benzodiazepine pharmacokinetics, effects of sedation in the elderly (Servin, Desmonts, *et al.*), 52 (Abs)
Beta-endorphin, influence of nitrous oxide in the rat brain (Rupreht, Dozoljic, *et al.*), 57 (Abs)
Biliary obstruction, effect on relaxation with vecuronium (Orko, Alila, *et al.*), 9
Blood loss in total hip replacement (Endler), 155 (C)
Book reviews
Anaesthesia and Organ Transplantation (Gelman) 66
Anaesthesia for Thoracic Surgery (Benumof), 67
Anaesthesia: Review 5 (Kaufman) 292
Anaphylactic Reactions in Anaesthesia and Critical Care (Levy), 156
Aspects of Recovery from Anaesthesia (Hindmarch, Jones & Moss), 217
Cardiopulmonary Cerebral Resuscitation (Safar & Bircher), 290
Clinical Anesthesia Procedures of the Massachusetts General Hospital (Firestone, Lebowitz & Cook), 291
Consciousness Awareness and Pain in General Anaesthesia (Rosen & Lunn), 218

Current European Anaesthesiology, Vol. 3 (Jones), 67
Hazards and Complications of Anaesthesia (Taylor & Major), 68
Introduction to Anaesthesia (Dripps, Eckenhoff & Vandam), 403
L'infection en Reanimation (Regnier & Brun-Buisson), 403
Manual of Anaesthesia for Emergency Surgery (Donegan), 357
Muscle Relaxants in Clinical Anesthesia (Bevan, Bevan & Donati), 358
Neural Blockade in Clinical Anesthesia and Management of Pain, 2nd edn. (Cousins & Bridenbaugh), 403
Principles and practice of Regional Anaesthesia (Wildsmith & Armitage), 68
Recent Advances in Critical Care Medicine 3 (I. McA Ledingham), 357
Regional Anesthesia (eds: Zenz, Panhans, Niesel & Kreuscher), 290
The ECG in Anesthesia and Critical Care (Thys & Kaplan), 156
Brain sodium channels, effects of ketamine (Frenkel & Urban), 335 (Abs)
Breathing system anti-disconnection device, accidental disconnection of (Andrés & Vila), 211
Bupivacaine, depression of intraventricular conduction in dogs (Freysz, Bertrix, *et al.*), 354 (Abs)
, effect on adrenergic receptors in rat myocardium (Rives, Rouge, *et al.*), 350 (Abs)
, effect on myocardial contractility (De la Coussaye, Eledjam, *et al.*), 347, (Abs)
, effect on platelet function in epidural analgesia (Odoom, Dokter, *et al.*), 305
, hyperbaric, effect of Trendelenberg position (Janik, Dick, *et al.*), 55 (Abs)
, hyperbaric, effect of adrenaline on duration (Viel, De la Coussaye, *et al.*), 333 (Abs)
, pharmacokinetics during epidural anaesthesia in children (Murat, Montay, *et al.*), 113
, haemodynamic effects in the dog (Beal, Freysz, *et al.*), 251
C-fibres, differential effects of morphine, naloxone and lignocaine on spike propagation (Kramer, Gilly, *et al.*), 337 (Abs)
Caffeine and halothane induced muscle contracture, role of Ca^{2+} flux (Adnet, Haudecoeur, *et al.*), 342 (Abs)
Calcium intracytoplasmic release, influence on bupivacaine myocardial contractility depression (De la Coussaye, Eledjam, *et al.*), 347 (Abs)
Carbon dioxide tensions and blood halothane concentrations, in association with cardiac dysrhythmias during dental anaesthesia (Hamilton-Farrell & Nightingale), 323
Cardiac output, measurement by oesophageal Doppler (List & Gravenstein), 59 (Abs)
Cardiac surgery, influence of ranitidine and piernzepine on intragastic pH (Lehot, Deleat, *et al.*), 339 (Abs)
, use of TIVA (Bunatian, Trekova, *et al.*), 44 (Abs)
Cardiopulmonary resuscitation, *see* CPR
Cardiovascular effects of sufentanil in coronary artery disease (Brandt, Ellmauer, *et al.*), 60 (Abs)
Cardiovascular-risk patients, influence of different opioids on pulmonary haemodynamics in (Ellmauer, Otto, *et al.*), 348 (Abs)
Case report, delayed recovery following atracurium (Rodrigo & Ranwala), 207
, disconnection of an anti-disconnection device (Andrés & Vila), 211
, sleep apnoea syndrome in pregnancy (Conti, Izzo, *et al.*), 151
Catecholamine secretion and head injury (Pfenninger & Grunert), 334 (Abs)
Causes of gas exchange impairment during general anaesthesia (Review) (Hedenstierna), 221
Cholecystokinin antagonist, proglumide, effect on morphine analgesia (Lehmann & Schlusener), 56 (Abs)
Complication (sore throat), effect of lignocaine jelly and spray (Klemola, Saarnivaara, *et al.*), 391
Conduction (intraventricular) depression of by bupivacaine (Freysz, Bertrix, *et al.*), 354 (Abs)

Coronary artery disease, use of sufentanil in (Brandt, Ellmauer, *et al.*), 60 (Abs)
Cortisol, serum, suppression by etomidate and thiopentone (Reddy, Pizer, *et al.*), 171
CPR in pigs, effect of high-dose naloxone on organ blood flow (Eberle, Gervais, *et al.*), 345 (Abs)
, comparison of adrenaline with dopamine (Lindner, Ahnefeld, *et al.*), 331 (Abs)
, plasma lignocaine levels during (Lindner, Ahnefeld, *et al.*), 346 (Abs)
, animal research Working Party recommendations, 287

Dental anaesthesia, absorption of adrenaline from articaine injection (Lipp, Dick, *et al.*), 336 (Abs)
, blood halothane concentrations and dysrhythmias (Hamilton-Farrell & Nightingale), 323
Dobutamine, effect on renal blood flow (Groves & Rosen), 45 (Abs)
Dopamine, comparison with adrenaline in CPR (Lindner, Ahnefeld, *et al.*), 331 (Abs)
, effect on renal blood flow (Groves & Rosen), 45 (Abs)
Dopexamine, effect on renal blood flow (Groves & Rosen), 45 (Abs)
Doppler monitoring of cardiac output via oesophagus (List & Gravenstein), 59 (Abs)
Doxapram, effect on neuromuscular transmission (Pollard & Randall), 48 (Abs)
Drug delivery, future approaches (Schuttler, Schwilden, *et al.*), 42 (Abs)
Drug disposition, influence of age (Sear), 50 (Abs)
Dysrhythmias, carbon dioxide tensions and blood halothane concentrations (Hamilton-Farrell & Nightingale), 323

Edrophonium, comparison with neostigmine in antagonism of pancuronium (Mirakhur & Clarke), 47 (Abs)
EEG parameters, correlation with lack of response during fentanyl induction (Erdmann), 352 (Abs)
Elderly patients, analysis of anaesthetic records (Morpurgo), 54 (Abs)
, control of intra-operative tachycardia by falipamil (Lackner, Huemer, *et al.*), 54 (Abs)
Elderly, effect on dose–response studies of relaxants (Bell, Mirakhur, *et al.*), 53 (Abs)
, influence on benzodiazepine pharmacokinetics (Servin, Desmonts, *et al.*), 52 (Abs)
Electroconvulsive therapy (ECT), comparison of propofol with methohexitone for (Bone, Wilkins, *et al.*), 279
Electromyography, comparison with mechanical activity during vecuronium blockade (Mortier, Moulaert, *et al.*), 47 (Abs), 131
EMG, spontaneous frontal activity, facilitation by suxamethonium (Tammisto, Paloheimo, *et al.*), 361
Endocrine changes during alfentanil or isoflurane anaesthesia (Carrasco, Ayensa, *et al.*), 57 (Abs)
Enflurane, nausea and vomiting after (Hovorka, Korttila, *et al.*), 177
Enolase, neurone-specific, its predictive value for survival (Fitch & Bradley), 59 (Abs)
Epidural anaesthesia in children, bupivacaine pharmacokinetics (Murat, Montay, *et al.*), 113
Epidural analgesia with bupivacaine, correlation with platelet function changes (Odoom, Dokter, *et al.*), 305
Epidural fentanyl, comparison with sulfentanil etc., in the rat (Meert, Lu, *et al.*), 313
Epidural sufentanil and morphine, ventilatory effects (Gepts & Camu), 46 (Abs)
Epidural sufentanil, effect of adrenaline (Verborgh, Van der Auwera, *et al.*), 183
Etomidate, neonatal serum cortisol suppression by (Reddy, Pizer, *et al.*), 171
European Anaesthetic Research Group, abstracts of Rome meeting, 331

Evoked electromyography, use to assess neuromuscular block (Tammisto, Wirtavuori, *et al.*), 1

Falipamil for control of tachycardia in the elderly (Lackner, Huemer, *et al.*), 54 (Abs)
FDDF (fast-dissolving drug formulation) of lorazepam, pharmacokinetics of (Camu, Maes, *et al.*), 261
Fentanyl, epidural, comparison with sufentanil etc. in the rat (Meert, Lu, *et al.*), 313
, induction with, and correlation with EEG parameters (Erdmann) 352 (Abs)
, nausea and vomiting after (Hovorka, Korttila, *et al.*), 177
Flumenazil, antagonism of midazolam sedation by (Hennis, Van Haastert, *et al.*), 369
Fluorocarbons, protection against myocardial ischaemia with (Faithfull, Fennema, *et al.*), 61 (Abs)

Gas exchange, causes of impairment during anaesthesia (Review) (Hedenstierna), 221
Gastric acidity during cardiac surgery, influence of ranitidine and pirenzepine (Lehot, Deleat, *et al.*), 339 (Abs)
Gastro-intestinal system and anaesthesia (Review) (Aitkenhead), 73
General anaesthesia, comparison with spinal in elderly patients (Dougall, Caird, *et al.*), 52 (Abs)
Glycopyrrolate, comparative potency with atropine on heart rate (Berger, Gravenstein, *et al.*), 23

Haemodynamic effects of bupivacaine (Beal, Freysz, *et al.*), 251
Haldane effect, appearance in hyperoxic intubation (Mertzlufft, Brandt, *et al.*), 351 (Abs)
Halothane and caffeine induced muscle contracture, role of Ca^{2+} flux (Adnet, Haudecoeur, *et al.*), 342 (Abs)
Halothane concentrations in blood during dental anaesthesia (Hamilton-Farrell & Nightingale), 323
Halothane, effect on guinea-pig diaphragm, effect of verapamil on (Adnet, Haudecoeur, *et al.*), 344 (Abs)
, RAS and vasopressin (Kataja, Viinamaki, *et al.*), 121
Head injury, catecholamine secretion in (Pfenninger & Grunert), 334 (Abs)
Heart rate, comparative potency with atropine and glycopyrrolate (Berger, Gravenstein, *et al.*), 23
Hyperoxic intubation apnoea, Haldane effect in (Mertzlufft, Brandt, *et al.*), 351 (Abs)
Hypoxanthine, release after aortic clamping (Herregods, Mortier, *et al.*), 338 (Abs)
Hypoxic pulmonary vasoconstriction in the human (Hambraeus-Jonzon, Bindslev, *et al.*), 342 (Abs)

Immunotherapy in a patient allergic to muscle relaxants (Thomas, Eledjam, *et al.*), 385
Induction in children, comparison of propofol with thiopentone (Mirakhur), 43 (Abs)
Infusion regimes to achieve steady-state equilibrium, ventilatory effects of propofol infusion in (Allsop, Taylor, *et al.*), 293.
Intravenous anaesthesia, newer agents (Sear), 41 (Abs)
Intravenous fluid, effect on right ventricular function (Redl), 355 (Abs)
Isoflurane, nausea and vomiting after (Hovorka, Korttila, *et al.*), 177
, peri-operative endocrine changes during (Carrasco, Ayensa, *et al.*), 57 (Abs)
, RAS and vasopressin (Kataja, Viinamaki, *et al.*), 121

Ketamine, effects on human brain sodium channels (Frenkel & Urban), 335 (Abs)
Keywords: (Vickers), 359

Lectin-stimulated lymphocyte responses (Smith, Edwards, *et al.*), 269

Lignocaine, comparison with morphine and naloxone on spike propagation in C-fibres (Kramer, Gilly, *et al.*), 337 (Abs)
, plasma levels during CPR (Lindner, Ahnefeld, *et al.*), 346 (Abs)
Lignocaine jelly and spray, effect on incidence of sore throat (Klemola, Saarnivaara, *et al.*), 391
Local anaesthesia (articaine), absorption of adrenaline from (Lipp, Dick, *et al.*), 336 (Abs)
Lorazepam, comparison with nitrazepam and lormetazepam as night sedatives (Sanders, Yeomans, *et al.*), 377
, pharmacokinetics of fast-dissolving drug formulation (Camu, Maes, *et al.*), 261
Lormetazepam, comparison with nitrazepam and lorazepam as night sedatives (Sanders, Yeomans, *et al.*), 377
Lymphocyte response to lectin-stimulation (Smith, Edwards, *et al.*), 269
Lymphocyte stimulation (Edwards, Gemmel, *et al.*), 65 (C)

Metabolites of morphine, their disposition, influence of general anaesthesia (Sear, Hand, *et al.*), 56 (Abs)
Methohexitone, comparison with propofol for ECT (Bone, Wilkins, *et al.*), 279
, pharmacokinetics of in children (Sfez, Legoll, *et al.*), 346 (Abs)
Midazolam, antagonism by flumenazil (Hennis, Van Haastert, *et al.*), 369
Models, pharmacokinetic-dynamic (Schwilden), 40 (Abs)
Monitoring, an evaluation in posterior cranial fossa surgery (Jantzen, Fischer, *et al.*), 58 (Abs)
Morphine analgesia, effect of proglumide (Lehmann & Schlusener), 56 (Abs)
Morphine, compared with naloxone and lignocaine in spike propagation in C-fibres (Kramer, Gilly, *et al.*), 337 (Abs)
, disposition of metabolites, effect of general anaesthesia (Sear, Hand, *et al.*), 56 (Abs)
, epidural, ventilatory effects (Gepts & Camu), 46 (Abs)
Muscle contracture, role of Ca^{2+} flux (Adnet, Haudecoeur, *et al.*), 342 (Abs)
Muscle, guinea-pig diaphragm, interaction of verapamil and halothane in (Adnet, Haudecoeur, *et al.*), 344 (Abs)
Myocardial contractility, depression by bupivacaine (De la Coussaye, Eledjam, *et al.*), 347 (Abs)
Myocardial ischaemia, protection against by Fluorocarbons (Faithfull, Fennema, *et al.*), 61 (Abs)
Myocardium (rat) effects of bupivacaine on adrenergic receptors (Rives, Rouge, *et al.*), 350 (Abs)
Myoglobin following tourniquet release (Laurence & Norris), 143
Myoglobin, release following suxamethonium in children (Laurence), 31

N_2O and volatile anaesthetics, effect on spontaneous respiration (Mertzlufft, Brandt, *et al.*), 332 (Abs)
Naloxone during CPR, effect on organ blood flow (Eberle, Gervais, *et al.*), 345 (Abs)
Nausea, effect of isoflurane, enflurane or fentanyl (Hovorka, Korttila, *et al.*), 177
Neostigmine, comparison with edrophonium in antagonism of pancuronium (Mirakhur & Clarke), 47 (Abs)
Neuromuscular block, accelerated onset (Mehta, Sokoll, *et al.*), 15
, assessment by electromyography (Tammisto, Wirtavuori, *et al.*), 1
, priming with atracurium and vecuronium (Sosis), 401 (C)
, time constant of single-twitch decay with suxamethonium and pancuronium (Romano, Molassi, *et al.*), 161
, priming doses (Mehta, Sokoll, *et al.*), 402 (C)
, with vecuronium, comparison of compound electromyography and mechanical activity (Mortier, Moulaert, *et al.*), 47 (Abs), 131
, with vecuronium, effect of biliary obstruction (Orko, Alila, *et al.*), 9

Neuromuscular blockers in divided doses, effect on onset time (Brady, Mirakhur, *et al.*), 243
Neuromuscular transmission, effect of doxapram (Pollard & Randall), 48 (Abs)
Nitrazepam, comparison with lorazepam and lormetazepam as night sedatives (Sanders, Yeomans, *et al.*), 377
Nitrous oxide, influence on beta-endorphin in the rat brain (Rupreht, Dzoljic, *et al.*), 57 (Abs)
, nausea and vomiting after general anaesthesia with isoflurane, enflurane or fentanyl (Hovorka, Korttila, *et al.*), 177

Opioids (various), influence on pulmonary haemodynamics (Ellmauer, Otto, *et al.*), 348 (Abs)

Pain, post-operative methods of study (Kay), 217 (C)
Pain relief, post-operative, effects of adrenaline on epidural sufentanil in (Verborgh, Van der Auwera, *et al.*), 183
Pancreatic and renal transplantation, potassium homeostasis (Sealey), 193
Pancuronium, accelerated onset with, comparison with succinylcholine (Mehta, Sokoll, *et al.*), 15
, antagonism by edrophonium or neostigmine (Mikhur & Clarke), 47 (Abs)
, atracurium and vecuronium in divided doses (Brady, Mirakhur, *et al.*), 243
, dose–response studies in the elderly (Bell, Mirakhur, *et al.*), 53 (Abs)
, effect of priming dose (Mehta, Sokoll, *et al.*), 402 (C)
, time constant of single-twitch decay during induction (Romano, Molassi, *et al.*), 161
Pharmacodynamics of Total Intravenous Anaesthesia (Camu), 41 (Abs)
Pharmacokinetic-dynamic models and principles for dosing (Schwilden), 40 (Abs)
Pharmacokinetics and pipecuronium in the cat (Agoston, Van Den Brom, *et al.*), 46 (Abs), 233
Pharmacokinetics of bupivacaine during epidural anaesthesia in children (Murat, Montay, *et al.*), 113
Pharmacokinetics of FDDF and intravenous administration of lorazepam (Camu, Maes, *et al.*), 261
Pharmacokinetics of methohexitone in children (Sfez, Legoll, *et al.*), 346 (Abs)
Pipecuronium, pharmacokinetics in the cat (Agoston, Van Den Brom, *et al.*), 46 (Abs), 233
Pirenzepine, comparison with ranitidine, effect on intragastric pH during cardiac surgery (Lehot, Deleat, *et al.*), 339 (Abs)
Platelet function, correlation with epidural bupivacaine concentrations (Odoom, Dokter, *et al.*), 305
Posters at Ghent meeting 1987, 62 (titles only)
Post-operative sore throat, effect of lignocaine jelly and spray (Klemola, Saarnivaara, *et al.*), 391
Potassium homeostasis in combined pancreatic and renal transplantation (Sealey), 193
Pregnancy, sleep apnoea syndrome in (Conti, Izzo, *et al.*), 151
Premedication, intravenous *v.* FDDF, pharmacokinetics of (Camu, Maes, *et al.*), 261
Pre-operative sedatives, comparison of several drugs (Sanders, Yeomans, *et al.*), 377
Proglumide, effect on morphine analgesia (Lehmann & Schlusener), 56 (Abs)
Propofol, alfentanil and vecuronium for microlaryngoscopic surgery (Redl, Schlogelhofer, *et al.*), 44 (Abs)
, comparison with methohexitone for ECT (Bone, Wilkins, *et al.*), 279
, prolonged sedation with, in Intensive Care Units (Otteni, Pottecher, *et al.*), 43 (Abs)
, in children, comparison with thiopentone on induction characteristics (Mirakhur), 43, (Abs)
, infusion, ventilatory effects of (Allsop, Taylor, *et al.*), 293
Pulmonary haemodynamics, influence of different opioids (Ellmauer, Otto, *et al.*), 348 (Abs)
Pulmonary vasoconstriction, hypoxic, in humans (Hambraeus-Jonzon, Bindslev, *et al.*), 342 (Abs)

Rantidine, comparison with pirenzepine on intragastic pH during cardiac surgery (Lehot, Deleat, *et al.*), 339 (Abs)
RAS and vasopressin with halothane or isoflurane (Kataja, Viinamaki, *et al.*), 121
Recovery, delayed following atracurium (Rodrigo & Ranwala), 207
Renal and pancreatic transplantation, potassium homeostasis (Sealey), 193
Renal blood flow, effect of various drugs (Groves & Rosen), 45 (Abs)
Respiratory control after upper abdominal surgery (Cantineau, Dureuil, *et al.*), 340 (Abs)
Respiratory parameters, influence of volatile anaesthetics and N_2O (Mertzluft, Brandt, *et al.*), 332 (Abs)
Review Article, Anaesthesia and the gastro-intestinal system (Aitkenhead), 73
, causes of gas exchange impairment during general anaesthesia (Hedenstierna), 221
Right ventricular function, effects of fluid therapy on (Redl), 355 (Abs)

Sedation, prolonged, use of propofol in Intensive Care Units (Otteni, Pottecher, *et al.*), 43 (Abs)
Sleep apnoea syndrome in pregnancy (Conti, Izzo, *et al.*), 151
Sodium channels in human brain, effects of ketamine (Frenkel & Urban), 335 (Abs)
Spinal anaesthesia with hyperbaric bupivacaine or tetracaine, effect of Trendelenberg position (Janik, Dick, *et al.*), 55 (Abs)
Spinal bupivicaine, hyperbaric, effect of adrenaline on duration (Viel, De la Coussaye, *et al.*), 333 (Abs)
Spinal versus general anaesthesia in the elderly (Dougall, Caird, *et al.*), 52 (Abs)
Sufentanil anaesthesia for coronary artery disease (Brandt, Ellmauer, *et al.*), 60 (Abs)
Sufentanil, comparison with epidural fentanyl etc., in the rat (Meert, Lu, *et al.*), 313
, epidural, effect of adrenaline on (Verborgh, Van der Auwera, *et al.*), 183
, epidural, ventilatory effects (Gepts & Camu), 46 (Abs)
Suxamethonium, facilitation of spontaneous frontal EMG (Tammisto, Paloheimo, *et al.*), 361
, release of serum myoglobin in children (Laurence), 31
, time constant of single-twitch decay during induction of neuromuscular block (Romano, Molassi, *et al.*), 161

Tachycardia, intra-operative, controlled by falipamil (Lackner, Huemer, *et al.*), 54 (Abs)
Tetracaine, hyperbaric effect of Trendelenberg position (Janik, Dick, *et al.*), 55 (Abs)
Thiopentone, comparison with propofol in induction in children (Mirakhur), 43 (Abs)
, serum cortisol (neonatal) suppression by (Reddy, Pizer, *et al.*), 171
Time-constant of single-twitch decay during induction of neuromuscular block (Romano, Molassi, *et al.*), 161
TIVA (Total Intravenous Anaesthesia) (Camu), 41 (Abs)
, for cardiac surgery (Bunatian, Trekova, *et al.*), 44 (Abs)
, pharmacological aspects (Hull), 41 (Abs)
, use of pharmacokinetic-dynamic modelling (Schwilden), 40 (Abs)
Total hip replacement, blood loss in (Endler), 155 (C)
Total intravenous anaesthesia, *see* TIVA
Tourniquet, serum myoglobin following release (Laurence & Norris), 143

Vasopressin and RAS with halothane or isoflurane anaesthesia (Kataja, Viinamaki, *et al.*), 121
Vecuronium, accelerated onset with, comparison with succinylcholine (Mehta, Sokoll, *et al.*), 15
, atracurium and pancuronium in divided doses (Brady, Mirakhur, *et al.*), 243
, dose–response studies in the elderly (Bell, Mirakhur, *et al.*), 53 (Abs)
, effect of biliary obstruction on (Orko, Alila, *et al.*), 9

, effect of priming dose (Meha, Sokoll, *et al.*), 402 (C)
, priming doses (Sosis), 401 (C)
, propofol and alfentanil for microlaryngoscopic surgery (Redl, Schlogelhofer, *et al.*), 44 (Abs)
Vecuronium block, comparison of electromyography and mechanical activity (Mortier, Moulaert, *et al.*), 47 (Abs), 131
Ventilatory effects of epidural sufentanil and morphine (Gepts & Camu), 46 (Abs)
Ventilatory effects of propofol infusion (Allsop, Taylor, *et al.*), 293
Verapamil, effect on guinea-pig diaphragm response to halothane (Adnet, Haudecoeur, *et al.*), 344 (Abs)
Volatile anaesthetics and nitrous oxide, effect on spontaneous respiration (Mertzlufft, Brandt, *et al.*), 332 (Abs)
Vomiting, effect of isoflurane, enflurane or fentanyl (Hovorka, Korttila, *et al.*), 177

Women doctors, views on anaesthesia (Knill-Jones, Lawrie, *et al.*), 60 (Abs)
Working Party, animal research in cardiopulmonary resuscitation, 287